

REMARKS

Amendment: This is the filing of an amendment under 37
5 CFR 1.111 responsive to the office action dated December 14,
2005.

Claims:

10 With regard to the 35 USC 112 rejection of claim 10,
applicant has amended this claim to remove the term
"extents" lacking antecedent basis.

With regard to the 35 USC 103(a) rejection of claim 10
15 over Chen ('703), Chen teaches in figure 1 a planar two
point attachment 14 structure with a fiber grating 12 within
the extent, and Chen also teaches in figure 8 a circularly
symmetric expander 64 that is continuously attached 68. In
applicant's claim 10, the attachments are discrete and
20 include a separation extent over which the attachment is
made. As '703 figure 1 is not circularly symmetric and '703
figure 8 includes continuous attachment, applicants amended
claim 10 is allowable.

With regard to the 35 USC 103(a) rejection of claim 11, 12, 13, applicant notes that these are dependant claims which rely on an allowable independent claim.

5 With regard to the 35 USC 103(a) rejection of claim 17, applicant has amended this claim to include measurement functionality of the grating in the presence of a magnetic field.

10 With regard to the 35 USC 103(a) rejection of claims 18 and 19, applicant notes that these are dependent claims which rely on an allowable independent claim.

With this amendment, the claims of the present
15 amendment are in condition for allowance. Please direct all correspondence to the Attorney of Record:

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Amendment filed under 37 CFR 1.111

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Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'Jay Chesavage', is written over a horizontal line.

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Jay Chesavage

Registration No. 39,137